

BREWERY PLANT OPERATIONAL DETAILS - SEASON 2006-07

#	DETAILS	Units	Target	Actual	Change	Variance	Balance	Forecast	Rating	Percent	Remarks
1	Residual Spent Grain	Years	1012114	811700	190414	40000	95429	400000	248444	87.28%	1107200
2	Aluminum Alcohol Feed	Years	100070	477630	466570	200000	64444	100000	217670	207.67%	200000
3	Oil for Alcohol (Capitol)	Years	100070	200000	100000	100000	0	0	200000	200.00%	100000
4	Wastewater (Gallons)	MT	4000	2000	2000	1000	1000	1000	2000	50.00%	4000
5	Recovery	MT	2000	277.50	277.50	21.00	281.50	277.50	281.50	140.75%	277.50
6	Ammoniation Efficiency		91.30	91.30	91.30	91.30	91.30	91.30	91.30	91.30%	91.30
7	Crystallization Efficiency		91.30	91.30	91.30	91.30	91.30	91.30	91.30	91.30%	91.30
8	Overall Efficiency		91.30	91.30	91.30	91.30	91.30	91.30	91.30	91.30%	91.30
9	Yield		90	90	90	90	90	90	90	90.00%	90
10	Yield		90	90	90	90	90	90	90	90.00%	90
11	Yield		90	90	90	90	90	90	90	90.00%	90
12	Total Wash Crystals		120000	90000	120000	90000	90000	90000	90000	75.00%	120000
13	Total Washing	Years	4000	1000	1000	1000	1000	1000	1000	25.00%	4000
14	Total Washing	Years	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
15	Spent Wash Generation	Years	1700000	1700000	1700000	1700000	1700000	1700000	1700000	100.00%	1700000
16	Spent Wash Use in Control	Years	1700000	1700000	1700000	1700000	1700000	1700000	1700000	100.00%	1700000
17	Water Consumption	MT	24000	17134	20416	14000	17134	17134	17134	71.35%	14000
18	Power Consumption	Years	1000000	1000000	1000000	1000000	1000000	1000000	1000000	100.00%	1000000
19	Chemical Consumption		10000	10000	10000	10000	10000	10000	10000	100.00%	10000
20	Acetic Acid	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
21	Sulphuric Acid	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
22	Styrene	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
23	Isobutyl Alcohol (IBL)	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
24	Alcohol	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
25	Chemical Feed	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000
26	Water Add	Yrs	10000	10000	10000	10000	10000	10000	10000	100.00%	10000